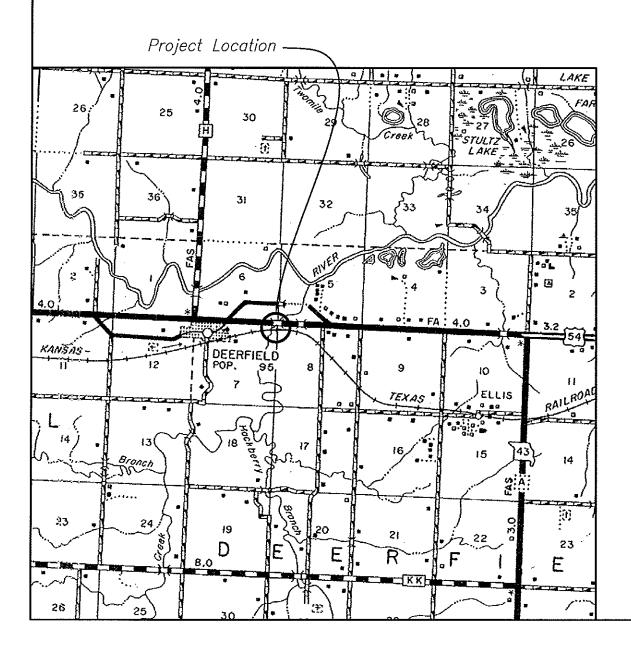
Big Dry Wood Creek Bank Stabilization DSR 217-10-001 EWP Project

NE $\frac{1}{4}$, NE $\frac{1}{4}$, Section 7 Township 35N, Range 32W Lat=37°50'25"N; Long=94°29'34"W Vernon County, Missouri



NOTES:

- 1. Missouri law requires that any person making or beginning any excavation notify all underground facility owners/operators which may be affected by said excavation at least two but not more than ten working days in advance, except in the case of an emergency. A "working day" is everyday, except Saturday, Sunday, or a legally declared local, state or federal holiday.
- 2. To make this notification and locate all utilities at the site or on ingress / egress roads prior to excavation, contact the Missouri One Call system and submit a locate request. The phone number for the Missouri One Call System is 800-344-7483 (1-800-DIG-RITE).
- 3. The contact numbers for technical assistance concerning the plan set are as follows:

Sponsor Liason: Michael Rinehart, MoDOT Engineer Government Liason: Bruce Embrey, USDA Engineer John Feistner, USDA Engineer

417-448-9056 660-747-8200 x003 417-831-5246 x124



The excavator is responsible for having all utilities located at the site or on ingress road prior to beginning work. Missouri One Call Number is 800-344-7483 or 1-800-DIG-RITE. The landowner shall ensure that the excavator completes the utility locate request.



LOCATION IN MISSOURI

SHEET INDEX

Sheet -1- Cover Sheet

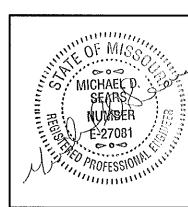
Sheet -2- Existing Condition

Sheet -3- Planned Construction

Sheet -4- Contour Plan View

Sheet -5- Armament Cross Sections

Sheet -6- Bridge Cross Section

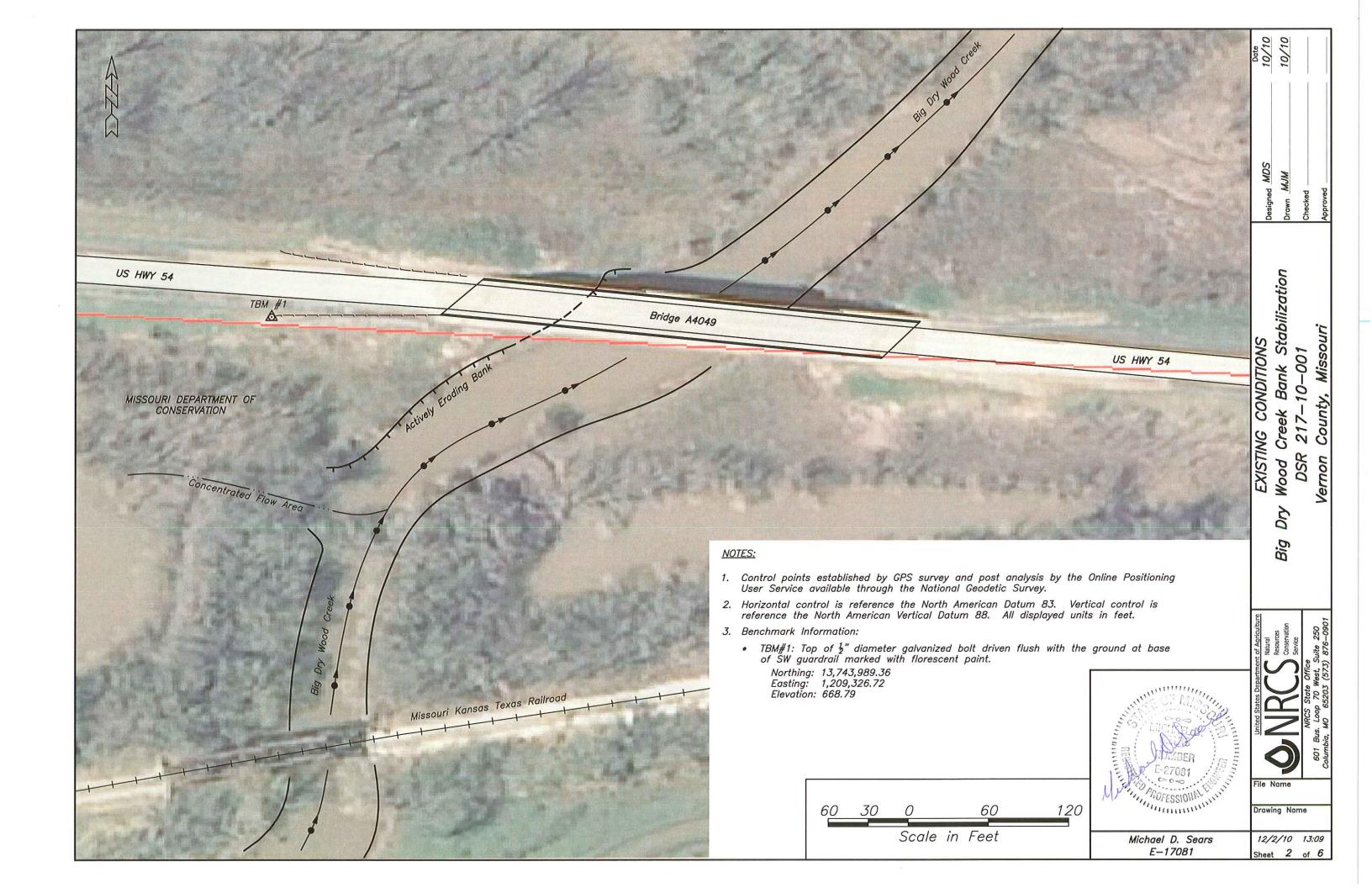


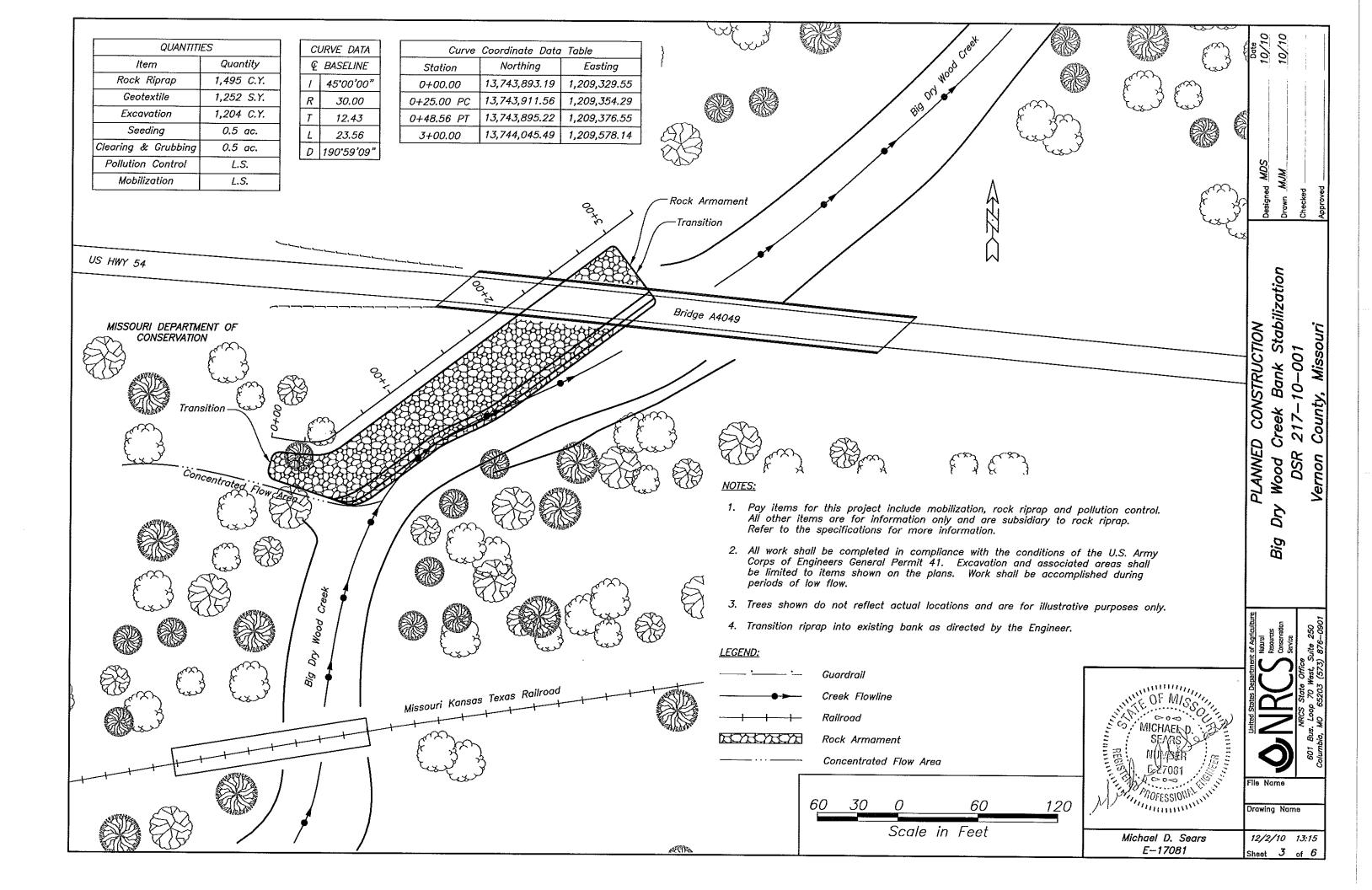
Michael D. Sears E-17081

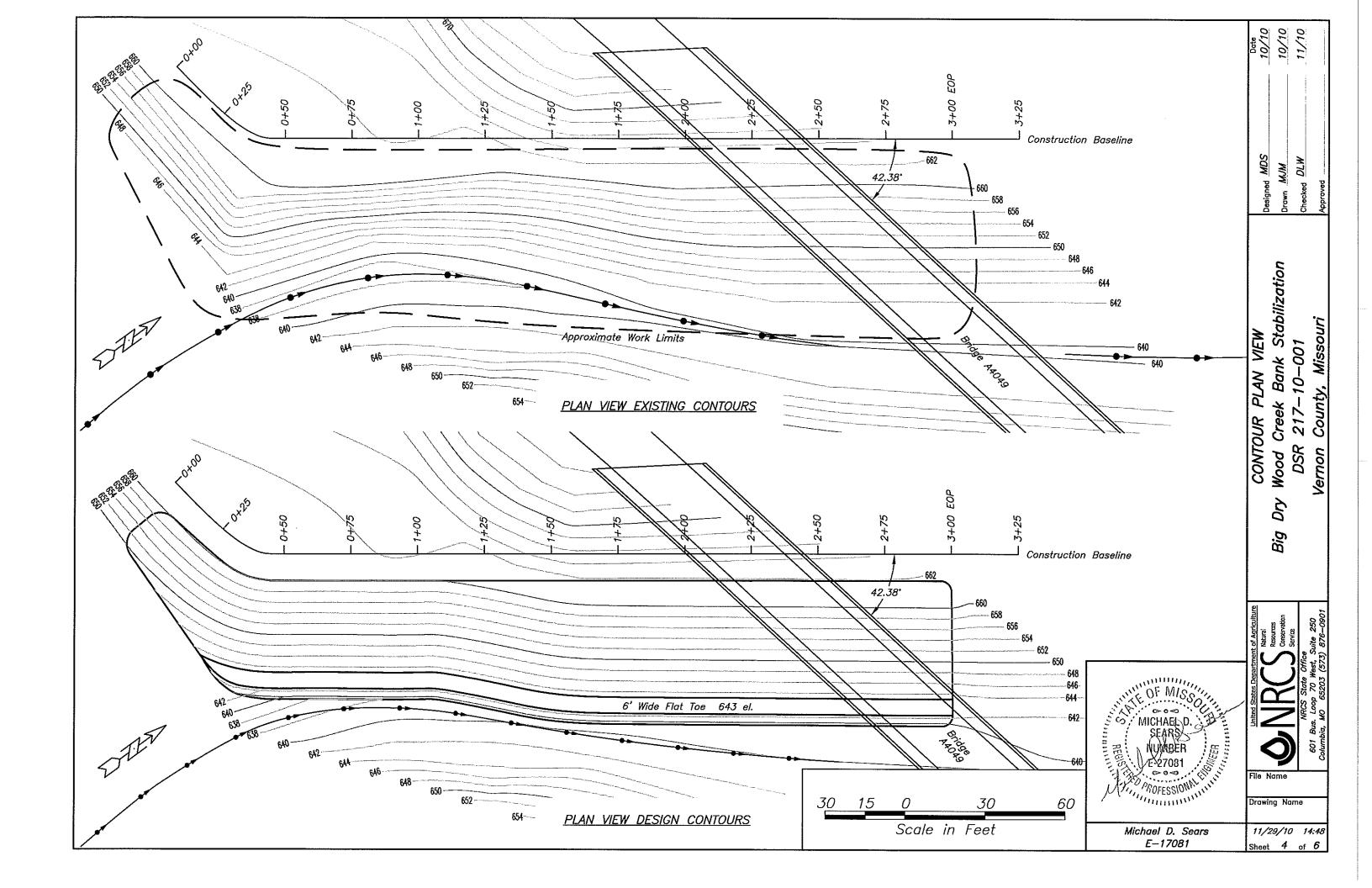
11/29/10 14:48 Sheet 1 of 6

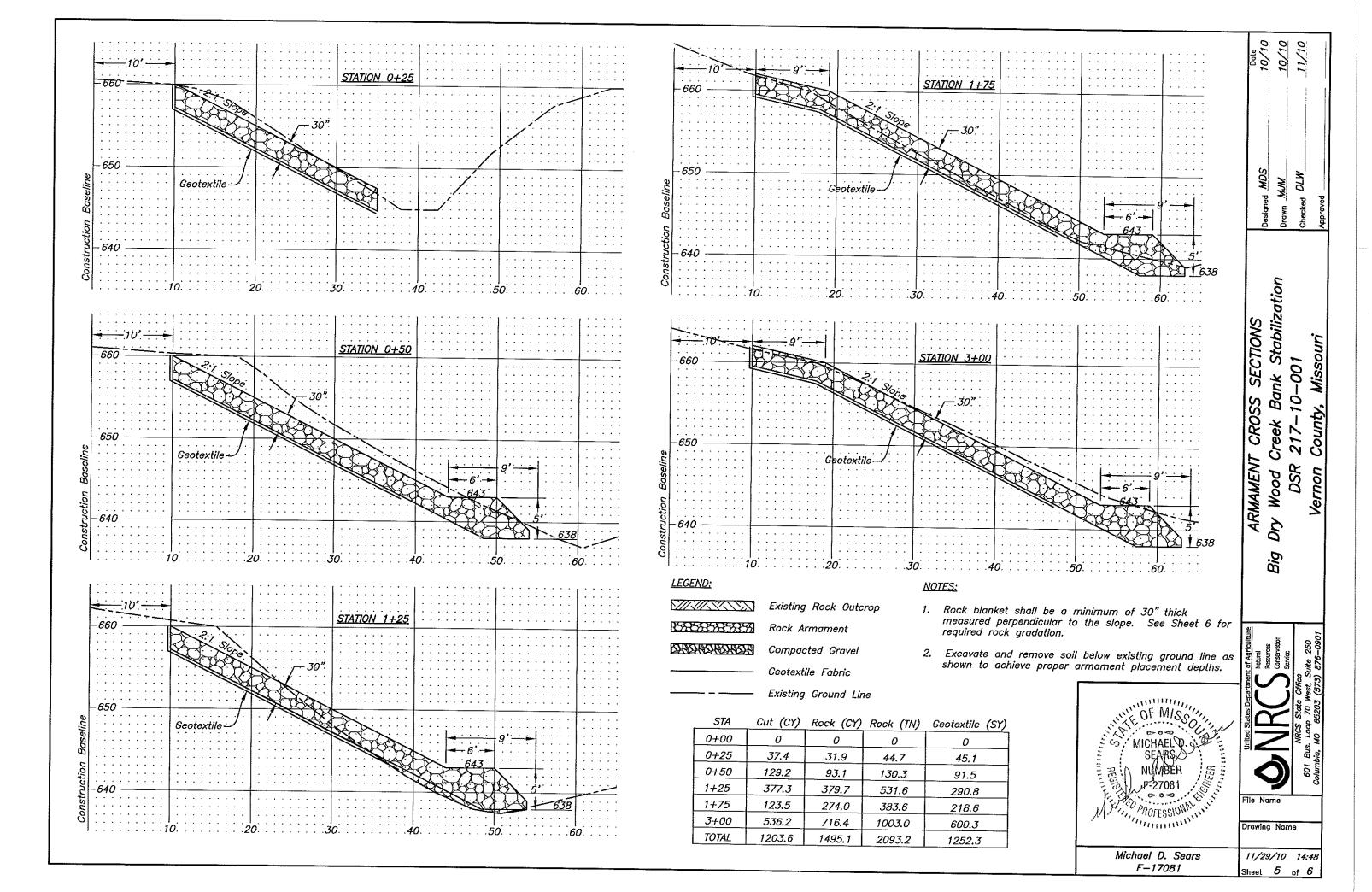
Stabilization

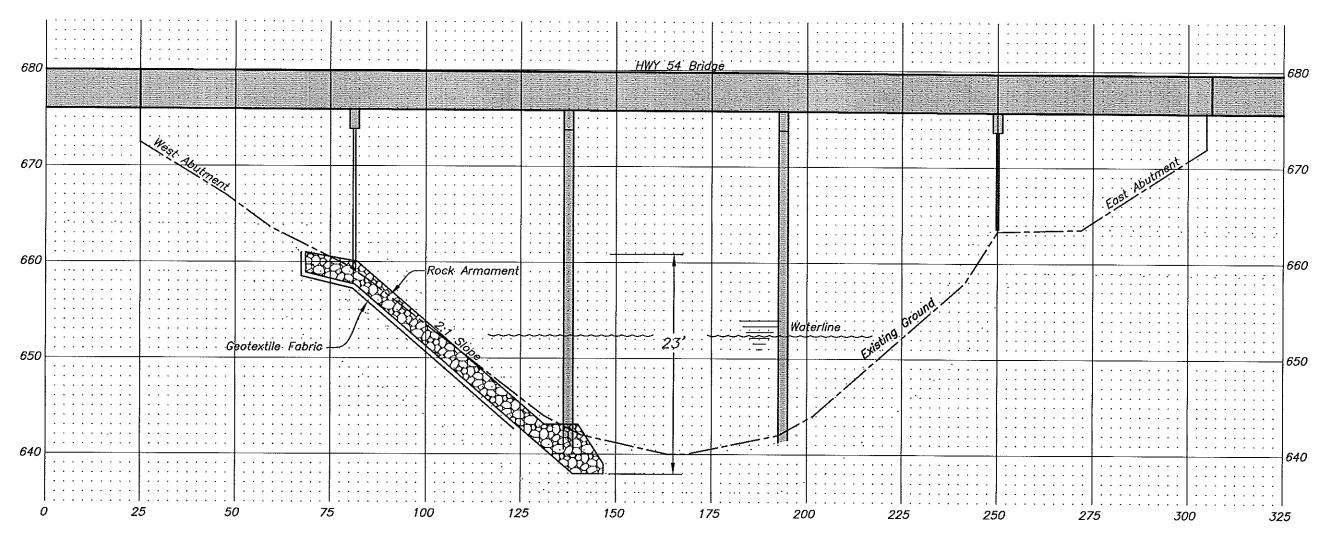
Dry











BRIDGE SECTION

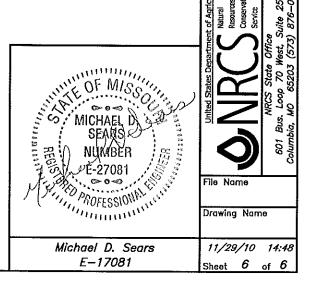
Viewing Downstream (North) Taken @ HWY CL

NOTES:

- The rock blanket shall consist of rock that is sound, durable stone conforming to the displayed gradation. At contractor's option, the rock blanket may consist of rock meeting the requirements of MoDOT Type 4 Rock Ditch Liner.
- 2. Except as otherwise noted, placed rock shall be uniformly representative of the specified gradation. The rock may not be end dumped into place.
- 3. Larger rock shall be placed at the toe of the rock blanket to form a stable base for fill.
- 4. Geotextile shown shall be placed under all rock armament to protect in—situ soil to existing water elevation or 643 el, whichever is lower.
- 5. At splices the geotextile shall be overlapped a minimum of eighteen (18) inches and pinned to ground.
- 6. Geotextile shall be non-woven, minimum weight of fourteen (14) ounce/square yard and conform to Construction Specification 095, and Material Specification, 592, Geotextile.

GRADATION OF ROCK

PERCENT PASSING BY SIZE	SIZE (INCHES)
100	$2.0 D_{50} = 30$
50-80	$1.4 D_{50} = 21^{-}$
25-50	$D_{50} = 15$
10-30	$5 D_{50} = 8$
0-5	$.2 D_{50} = 4^{*}$



Stabilization

Creek

DV

Big

Bank Si 10-001

CROSS SECTION

BRIDGE Wood (